

CLAIMS

1. Protective covering for welding devices, in particular spot welding pliers, said covering being resistant to welding projections and being non-flammable, characterized in that the covering is constituted by, on the one hand, a front panel (1) and a rear panel (2) capable of being connected to each other by connecting means (6,7) enabling the distance between the two panels (1,2) to be adjusted, these panels (1,2) being substantially planar and protecting the portion of the device equipped with welding pliers and the portion opposed to the latter, and, on the other hand, a tubular rim (8) to be disposed between the front (1) and rear (2) panels and protecting the portion located between them, this rim (8) being constituted by several panels (9) connected together in a detachable manner in order for the rim (8) to correspond at best to the circumference of the welding device.
2. Protective covering according to claim 1, characterized in that the front panel (1) has openings (3) to let the arms of spot welding pliers pass through.
3. Protective covering according to one of the preceding claims, characterized in that the rear panel (2) is equipped with an opening (4) to let the arm of a manipulator or a bundle of cables pass through.
4. Protective covering according to one of the preceding claims, characterized in that the front panel (1) and/or the rear panel (2) has a lateral portion (5) capable of being at least partially covered by the rim (8) or of covering the latter.

5. Protective covering according to one of the preceding claims, characterized in that the connecting means (6) between the front (1) and rear (2) panels are straps (6) equipped with fixation and adjustment means (7).

6. Protective covering according to one of the preceding claims, characterized in
5 that the connecting means (6) between the front (1) and rear (2) panels are elastic straps (6).

7. Protective covering according to one of the preceding claims, characterized in that the panels (9) of the rim are connected to each other by bands of the Velcro ® type located on their lateral edges.

10 8. Protective covering according to one of the preceding claims, characterized in that the panels (9) of the rim (8) are connected to each other at least at the extremities of their lateral edges by snap fasteners or latches (11).